REC'D
APR 7 1926
SCHEDULE
DEPT.

Lima Locomotive Works
Incorporated

LIMA, OHIO, U. S. A.

FILE

Locomotive Tender

AKRON CANTON & YOUNGSTOWN.

CARD INDEX

1088

Class 8-Wheel 8000 Gal. Dept. SCHEDULE.

ORDER No.	SHOP NUMBERS	DATE	DRAUGHTSMAN
C.O. 1088	7075-7076	1926	
		19	
		19	
		19	
		19	

FORM LED 32

Index to Classification of Drawings

11 Axles
15 Bolts and Nuts—Studs, Pins and Bushings
17 Boxes, Truck—and Details.
Chafing Plate—See 86.
Clearances—See 98.
Coal Pusher—See 88.
Coupler—See 86.
35 Die Work—Flanging Dies.
Drawgear, Tender—See 86.
Fire Extinguisher—See 64.
49 Gauges, Templates and Jigs.
53 Handrail and Steps—Handles.
54 Headlights and Signal Attachments, Lamps, Electric Wiring, Builders' License and Number Plates.
Keys—See 15.
57 Lagging and Jacket.
Lamps—See 54.
Number Plates—See 54.
59 Oil and Grease Cups—Lubrication.
Oil Burning Attachments—See 82 and 88.
61 Painting, Lettering and Numbering—Photos.
62 Pilot and Snow Plows.
63 Pipe Fittings and Clamps—Air, Steam, Water and Lubricator Pipe Fittings.
64 Piping Arrangements.
66 Plugs, Handholes and Washout.
71 Running Boards and Brackets.
73 Sand Box, Sanders and Rigging.
Signal Attachments—See 54.
Sprinkler—See 64.
76 Springs.
80 Stoker and Details.
Steam Heat—See 64.
Steps—See 53.
82 Tank Valves—Oil and Water, Handles, Well, Goose Neck, Strainer, Hose and Cooler Cocks.
84 Tender Brake—Truck and Frame Brake.
85 Tender Frames—Front and Back Bumpers.
86 Tender Drawgear—Buffer, Chafing Plate, Coupler and Rigging, Drawhead F. and B.
87 Tender Deck, Tool Box, Water Cooler.
88 Tender Tank—Water and Oil, Coal Gate, Coal Pusher, Filling Hole and Tank Funnel.
89 Tender Truck, Bolster and Guides, Spring Seats and Plank.
90 Tender Water Scoop—Arrangements and Details.
Tires—See 95.
Tool Boxes—See 87.
95 Wheels and Tires.
97 Preliminary Designs and Propositions.
98 Clearances and Wheel Base Diagrams.
99 Miscellaneous.

ADDITIONS AND CHANGES

ADDITIONS TO BE MADE IN BLACK INK AND CHANGES IN RED INK

DATE	~~Date~~ SERIAL	PAGE	ITEMS		Check	Date	ITEMS	Check
4/8	3873	12	30		K			
"	"	13	13		K			
4/14	4010	8	1		K			
4/15	4027	9	24	W	K			
4/19	4049	10	47-48-54-35-57-58-60-61	W	S K			
"	4051	11	1-3-5-35-36-37-38	W	S K			
"	4052	3	31-46-47-	W	S K			
"	"	5	28-29-30-32-38	W	S K			
4/22	4089	9	17-18	W	S K			
"	4087	10	28-30-35-36-39-40-41	W	S K			
"	"	5	33-34	W	S K			
"	4090	8	51-52-54-56-57-60	W	S K			
"	"	9	13	W	S K			
"	4091	10	1-22-23-24-25-26-27	W	S K			
4/26	4145	13	36-37	W	S K			
4/27	4155	7	50	W	S K			
4/28	4176	5	34	W	S K			
5/5	4213	12	51-52-53-54-55	W	S K			

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 11—AXLES								
	1	Axle 1	4	D-45080	ord.	—	—	—	—	—
	2	"	—							
	3	" Marking 1		112 A 13	—	—	—	—	—	—
	4									
	5									
	6									
	7									
	8									
	9									
	10									
	11									
	12									
	13	**GROUP 15—BOLTS AND NUTS**								
	14									
	15									
	16									
	17									
	18									
	19									
	20									
	21									
	22									
	23									
	24									
	25	**GROUP 17—BOXES, TRUCK**								
	26	Box T L 10 1	8	McCord 5½"x10	Ord.	—	—	—	—	—
	27	" Lid	—							
	28	" " Pin	—							
	29	" " Spring	—							
	30	" Journal Brass 5½"x10" 1	8	Edna Brass Mfg. Co.	Ord.	—	—	—	—	—
	31	" " Wedge 5½"x10" 1	8	A.R.A. Drop. Forged.	—	—	—	—	—	—
	32	" Dust Guard 1	8	Pressed Steel Car Co.	52158 Ord	—	—	—	—	—
	33									
	34									
	35									
	36									
	37									
	38									
	39									
	40									
	41									
	42									
	43									
	44									
	45	**GROUP 35—DIE WORK**								
	46									
	47									
	48									
	49									
	50									
	51									
	52									
	53									
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									

Check	Item	TITLE		No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 49—GAUGES, TEMPLATES & JIGS									
	1										
	2										
	3										
	4										
	5										
	6										
	7										
	8										
	9										
	10										
	11										
	12										
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										
	21	**GROUP 53—HANDRAIL AND STEPS**									
	22	Handrail									
	23	"									
	24	" Column									
	25	" "									
	26	" "									
	27	" Ball									
	28	" Flange									
	29	" "									
	30										
	31	Bumper Handle	(1)	1	863A66		53A221 (4)				
	32	" "									
	33	Tank " Front	R	1	532D362	—	532D362 (4)	—	—	—	—
	34	" " Rear	L	1	532P208	—	532P208 (4)	—	—	—	—
	35	" "									
	36	" "									
	37										
	38										
	39										
	40										
	41										
	42										
	43	Steps—Front	1	2	532A3	—	—	53-154 (1)	—	—	—
	44	Front Step Hanger									
	45	" " Brace									
	46	Steps—Back	(8)	R-1 L-1	863A66	WOOD					
	47	Back Step Hanger	(7)	4	"		4105210 (4)				
	48	" " Brace									
	49	Tank Step									
	50	" "									
10	51	Tank Ladder—Outside	(8)	1	532B40	—	532B40 (4)	—	—	—	—
	52	" " —Inside									
	53										
	54										
	55										
	56										
	57										
	58										
	59										
	60										
	61										

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 54—HEADLIGHTS AND SIGNAL ATTACHMENTS								
	1	Signal Fixtures—Location								
	2	Flag Socket								
	3	Marker Bracket								
	4	Lamp Bracket								
	5	" Hook								
	6	Pail Hook								
	7	Headlight Bracket								
	8	" Shelf	1	889A36	—	54A20 (4)	—	—	—	—
	9									
	10	License Plate								
	11	Ownership Plate								
	12	Patent "								
	13									
	14									
	15									
	16									
	17									
	18									
	19									
	20									
	21	**GROUP 57—LAGGING AND JACKET**								
	22	Steam Pipe Lagging								
	23	" " "								
	24	" " Jacket								
	25									
	26									
	27									
	28									
	29									
	30									
	31									
	32									
	33	**GROUP 59—OIL AND GREASE CUPS**								
	34	Truck Oil Cup								
	35	" " " Cap								
	36									
	37	Stoker Oil Cup								
	38	" " " Cap								
	39									
	40									
	41									
	42									
	43									
	44									
	45									
	46									
	47									
	48									
	49	**GROUP 61—PA'TING, LET'RING & NUM'G**								
	50	Tender Lettering								
	51									
	52									
	53									
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 62—PILOT AND SNOW PLOW								
	1	Pilot								
	2	" Band								
	3	" Brace								
	4	" "								
	5	" Bottom Plate								
	6	" Bracket								
	7	" Corner Iron								
	8	" Knee								
	9									
	10									
	11									
	12									
	13	Snow Plow								
	14									
	15									
	16									
	17									
	18									
	19									
	20									
	21	**GROUP 63—PIPE FITTINGS AND CLAMPS**								
	22	Box Cooler Hose								
	23	" " Fitting								
	24	" " " Nut								
	25	" " " Swivel								
	26									
	27									
✓	28	Pipe Clamp 3/4"	~~0~~	2	632B348				63-737	
	29	" " 1 1/4"	~~0~~	3	632F348				63-563	
	30	" " 1 1/4"		1	863A66		63-B98 (4)			
	31	" "								
	32	" Hanger	(7)	1	863A66		63A111 (4)			
	33	" " 3/4" Str. Air.	(7)	2	632D501		63A158			
	34	" " 1 1/4" Train Line	(7)	3 ~~2~~	632C501		63A157			
	35	" "								
	36	" Manifold Air Brake								
	37	" "								
	38	" " Support	(7)	1	642A131	3"x5"x1/2" ANGLE				
	39	" " "								
	40									
	41	Water Joint Support								
	42									
	43									
	44									
	45									
	46									
	47									
	48									
	49									
	50	**GROUP 64—PIPING ARRANGEMENTS**								
	51	Piping Arrangement								
	52									
	53	Sprinkler Piping								
	54									
	55	Steam Heat Piping								
	56									
	57	Coal Pusher Piping								
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 66—PLUGS, HANDHOLES AND WASHOUTS								
	1									
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9	**GROUP 71—RUN'G BOARDS & BRACK'TS**								
	10	Running Board								
	11	" "								
	12	" " Bracket								
	13	" " "								
	14	" " "								
	15	" " "								
	16									
	17									
	18									
	19									
	20									
	21	**GROUP 73—SAND BOX AND RIGGING**								
	22	Sand Box								
	23	" " Brace								
	24	" " Handle								
	25									
	26									
	27									
	28									
	29	**GROUP 76—SPRINGS**								
	30	Truck Spring	4	762 B17	Ord.					
	31	" "								
	32	" " Clip								
	33	" " End Block								
	34	Buffer Spring								
	35	Coupler Spring								
	36	Draw Spring								
	37	" "								
	38	Water Scoop Spring								
	39	" " "								
	40	Brake Beam Leveling Spring								
	41									
	42									
	43									
	44									
	45									
	46	**GROUP 80—STOKER AND DETAILS**								
	47									
	48									
	49									
	50									
	51									
	52									
	53									
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									
		(Group 80 Continued)								

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 80—STOKER AND DETAILS (Cont.)								
	1									
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
	11									
	12									
	13									
	14									
	15									
	16									
	17									
	18									
	19									
	20									
	21									
	22									
	23									
	24									
	25									
	26									
	27									
	28									
	29									
	30									
	31									
	32									
	33									
	34									
	35									
	36									
	37									
	38									
	39									
	40									
	41									
	42									
	43									
	44	**GROUP 82—TANK VALVES AND COCKS**								
✓	45	Tank Valve	2	D-47001 Line 1	—	—	—	—	82-73 ⑥	—
✓	46	" " Body	2	"	—	—	82-194 ①	—	—	—
	47	" " Seat	—							
	48	" " Shaft	—							
✓	49	" " Stuffing Box	2	D-47006	—	—	—	—	82-298 ⑥	—
✓	50	" " Rod	2	"	⑤	82A43				
✓	51	" " Lift	2	"	—	—	82-300 ⑥	—	—	—
✓	52	" " Handle	2	"	—	—	82-91 ①	—	—	—
✓	53	" " Gland	2	"	—	—	—	—	82-299 ⑥	—
✓	54	" " Goose Neck	2	822 A70	—	—	—	—	82-197 ⑥	—
	55	" " Nut	—							
	56	" " Sleeve	—							
	57	" " Hose Nut	—							
	58	" " " Swivel	—							
✓	59	Tank Valve Flange Bottom	2	D-47001 Line 1	—	—	82-193 ①	—	—	—
✓	60	" " " Side	2	"	—	—	82-192 ①	—	—	—
✓	61	" " Strainer	2	"	#18 B.W.G. Sheet Copper Perforated			—	—	—

(Group 82 Continued)

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 82—TANK VAL. AND COCKS (Cont.)								
17	1	Tank Well	027	D-4700 type	—	—	82-292 ①	—	—	—
	2	" " Plug								
	3	" Syphon								
	4	" " Pipe Support								
	5	" " Brace								
	6									
	7									
	8									
	9	Oil Tank Plug								
	10	" " Valve								
	11	" " " Seat								
	12	" " " Rod								
	13	" " " Arm								
	14	" " " Gland								
	15	" " "								
	16	" " " Nut								
	17	" " " Sleeve								
	18	" " " Drain								
	19	" " " " Seat								
	20	" " " Stuffing Box								
	21	" " " " " Nut								
	22	" " " " " Gland								
	23	" " " Rod End								
	24	" " Measuring Rod								
	25	Oil Tank Cock								
	26	" " " Cap								
	27	" " " Plug								
	28	" " " Nut								
	29	" " " Washer								
	30	" " " Handle								
	31	Tank Cock								
	32	" " Plug								
	33	" " Nut								
	34	" " Washer								
	35	" " Handle								
	36	" " Flange								
	37	" " Rod								
	38	" " Stuffing Box								
	39	" " " " Gland								
	40	" " " " Nut								
	41	Box Cooler Valve								
	42	" " " Cap								
	43	" " " Stem								
	44	" " " Gland								
	45	" " " Nut								
	46	" " " Handle								
	47	" " " Coupling Nut								
	48	" " " Swivel								
	49									
	50	**GROUP 84—TENDER BRAKE**								
	51	Frame Body Brake Arrangement	①		858A26					
	52	Body Brake Lever	①	2	842L26		842L26			
	53	" " "								
	54	" " " Support	①	3	858A26		84D4			
	55	" " " "								
	56	" " Connecting Rod	①	R-1 L-1	D-4861 GR. 8		D-4861 GR. 8			
	57	" " SBACK adjuster Suppt.	①	1	—	To suit Adjuster				
	58	" " Equalizer								
	59	" " Fulcrum								
	60	" " Rod Cyl.	①	1	858A26		84B6			
	61	" " Clevis								

(Group 84 Continued)

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 84—TENDER BRAKE (Cont.)								
	1	Body Brake Sheave								
	2	" " " Support								
	3	" " Shaft								
	4	" " " Cap								
	5	" " " Hanger								
	6	" " " Step								
	7	" " " Wheel								
	8	" " " Handle								
	9	" " " Pawl								
	10	" " " " Plate								
	11	" " " Ratchet								
	12	" " " Weight								
	13	" " Cylinder	1	858A 26	12"x12" Ord.	—	—	—	—	—
	14	" " " Head								
	15	" " " "								
	16	" " " Support								
10	17	" " Pins	2	842F38						
10	18	" " "	6	842K38						
	19	" " "								
	20	" " "								
	21	Tender Brake Piston								
	22	" " " Follower								
	23	" " " Ring								
	24	" " " Rod	1	842HL34	—	842HA36 (4)	—	—	—	—
	25	Brake Reservoir Hanger								
	26	" " Strap								
	27	Hand Brake Arrangement								
	28	" " Rod								
	29									
	30									
	31									
	32									
	33									
	34									
	35	Truck Brake	1	843A29						
	36	" " Beam	1 R L	2 2	11	Huntoon #669A	—	—	—	—
	37	" "								
	38	" "								
	39	" " " Support	1	8	842JZ	—	842JZ (4)	—	—	—	—
	40	" " " Safety Chain	1	8	893A29	—	84A49 (4)	—	—	—	—
	41	" " " " Bar	1	4	"	—	450S212 (4)	—	—	—	—
	42	" " " Leveling Eyebolt								
	43	" " Head		8	Am Brake Shoe & Fdry Ord		—	—	—	—
	44	" " Shoe	1	8	Am Brake Shoe & Fdry Ord.		—	—	—	—
	45	" " " Key	1	8						
	46	" "								
	47	" " Lever	1	2	842T39	—	842T39 (4)	—	—	—	—
	48	" " " Guide	1	2	893A29	—	84A111 (4)	—	—	—	—
	49	" " Dead Lever	1	2	842T39	—	842T39 (4)	—	—	—	—
	50	" " " " Anchor	1	2	893A29	—	84A110 (4)	—	—	—	—
	51	" " " " " Lug								
	52	" " Lever Rod	1	2	842L14	—	842L14 (4)	—	—	—	—
	53	" " " "								
	54	" " Pins Brake Beam Support	1	8	893A29	—	84A42 (4)	—	—	—	—
10	55	" " "	1	4	842K38	—	—	—	—	—	—
10	56	" " "	1	4	842D37	—	—	—	—	—	—
10	57	" " "	1	2	842X37	—	—	—	—	—	—
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 85—TENDER FRAME								
	1	Frame	1	858A26	C.S.Co. Pt. #16843 A ORD.					
	2	" Center Sill								
	3	" Side Sill								
	4	" End Sill								
	5	" Corner Angle								
	6	" " Bracket								
	7	" " Knee								
	8	" Brace								
	9	" "								
	10	" "								
	11	" Filling								
	12	" "								
	13	"								
	14	" Bolster								
	15	" " Angle								
	16	" " Plate								
	17	" " Truss Bar								
	18	" " " Brace								
	19	" " " Plate								
	20	" "								
	21	" " Tie Plate								
	22	" Center Plate	(1) 2	858A26	Commonwealth ORD.					
	23	" Side Bearing Wearing Plate	(1) 4	"	3/8"x4"x12" Plate.					
	24	" " " Shims	(1) 4	"	4"x12" Thickness to Provide 3/16" Clearance each Side					
	25	Push Pole	(2) 1	852C50	FIR. ORD.					
	26	" " Collars	(2) 2	"	Made of 5" Pipe					
10	27	" " ~~Pocket~~ Hangers	(2) 2	"		85A44				
	28	" " Support	(1) 2	858A26		85A21				
	29	" " Stop								
	30	Wrecking Frog Brackets	(1) 1	853B10					85-105	
	31	Switch Rope Hooks								
	32	Check Chain								
	33	" " Pocket								
	34	" " Hook								
	35	Tender Floor	(2) 1	858A26	1 3/4"x10" ORD.					
	36	" " Edge	(1) 1	"	1 3/4"x1 3/4"x1/4" ANGLE					
	37	Bumper—Front								
	38	" —Back								
	39	Tender Floor Anchor	(1) 40	852A38				85-22		
	40	Wrecking Frog Bkts.	(1) R-1 L-1	853B10					85-103 85-104	
	41	" " " Liners	(1) 4	"	1 1/2"x1 7/8"x 9"					
	42									
	43									
	44									
	45									
	46									
	47	**GROUP 86—TENDER DRAWGEAR**	(1) 1	863A66	BRADFORD # B-85-B					
	48	Coupler	(1) 1	"	N.M. & St. Cstg. Co. #15418 C					
	49	" Pocket								
	50	" Followers								
	51	" Yoke	(1) 1		Cast Steel OHS. #288 Ord.	—	—	—	—	
	52	" " Filler								
	53	" Follower Guide								
	54	" Carry Iron	(1) 1	863A66		1 1/2"x5"x29 (4)				
	55	" Chain	(1) 1	—	MATL. MALL. & STEEL CSTG. CO. ORD.					
	56	" " Clevis								
10	57	Drawbar Pin	(2) 1	862E29		862E29 (4)				
	58	" " SUPPORT	(2) 1	862A38		862A38 (4)				
	59	Safety Chain Pin								
	60	Draft Gear ~~Check Casting~~ KEY COTTER	(1) 1	863A66		86A6 (4)				
	61	" " Key	(1) 1	"		86D3 (4)				

(Group 86 Continued)

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 86—TENDER DRAWGEAR (Cont.)								
	1	Draft Gear Carrier (7)	1	863A66	3/4" x 14½" x 24" PLATE					
	2	Drawhead Brace								
	3	Uncoupling Shaft (7)	1	863A66	BRKTS, APPLIED BEFORE-BENDING	86A100				
	4	" " Arm								
	5	" " Bracket (7)	3	372A213			37-385			
	6	" " "								
	7	" " Handle								
	8	" " Cap								
	9									
	10	Draw Casting—Front								
	11	" " —Back								
	12	Safety Chain								
	13	" " Clevis								
	14	" " Staple								
	15	" " Washer								
	16									
	17	Chafing Casting (7)	1		Franklin Radial Spring Type Ord—			—		—
	18	" Iron								
	19	Spring Buffer								
	20	" " Case								
	21									
	22									
	23									
	24									
	25									
	26									
	27									
	28									
	29									
	30									
	31									
	32									
	33									
	34	**GROUP 87—TENDER DECK AND TOOL BOX**								
	35	Tender Deck	1	889A36	WOOD + PLATE					
	36	" " Shovel Plate	1	"	¼" PLATE ORD.					
	37	" " Support, Outside	R-1 L-1	"	¼" " "					
	38	" " " Inside	R-1 L-1	"	¼" " "					
	39									
	40									
	41	Tool Box								
	42	" "								
	43	" " Handle								
	44	" " "								
	45	" " Brace								
	46	" " "								
	47	"								
	48	" Closet Hinge								
	49	" " " Lug								
	50									
	51									
	52									
	53	Water Cooler								
	54	" " Base								
	55	" " Top								
	56	" " Lid								
	57	" " Casing								
	58	" " Cock								
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 88—TENDER TANK								
	1	Tank—Water	1	889A36	8000 Gall.	Band Angles & Tees		—	—	—
	2	" Material Bill 88M075								
	3	" Brace								
	4	" Knee								
	5	" Lifter Iron								
12✓	6	" Drain Pipe ⊗	2	882E4	—	—	88-100 ⊗	—	—	—
	7	" " " ~~Flange~~ Gaskets	2	882A9	1/8" Rubber	—	—	—	—	—
	8	" " " " "	2	882A10	1/8" Rubber	—	—	—	—	—
	9	" Fuel Rack								
	10	" Tool Hook	1		—	4705-230 ⊗	—	—	—	—
	11	" Lug	8	882A3	—	470-S-07 ⊗	—	—	—	—
	12	" "	—							
	13	" Funnel	1	882B69	3/16" Plate Ord.	—	—	—	—	—
	14	" " Lid	1	"	3/16" " Ord.	—	—	—	—	—
12✓	15	" " Hinge ⊗	2	882B68	—	—	—	—	—	—
	16	" " " Lug	2	882B40	—	—	—	88-94 ⊗	—	—
	17	" " Handle	1	882A61	—	—	—	88-40 ⊗	—	—
	18	" " Screen						88-8 ⊗		
	19	" Coal Gate	1	882A77	1/4" plate Mat. Ord.	—	—	—	—	—
	20	Coal Gate Angle	2	"	3"x3"x3/8" ④	—	—	—	—	—
10	21	" " Catch ⊗	2	"	—	88B47 ④	—	—	—	—
10	22	" " ~~Latch~~ Eyebolt. ⊗	2	"	—	88D67 ⑫	—	—	—	—
	23	" " Hinge	8	"	12" Extra Heavy "T"		—	—	—	—
	24	" " " Lug	—							
	25	" " Chain	—							
	26	" " ~~Eyebolt~~ Slide Bolts	1-Set	882A77	—	—	—	—	—	—
1✓	27	" " Slide Clamp ⊗	2	"	—	88A8 ④	—	—	—	—
	28	" " Catch Bracket	—							
	29	" " Handle	—							
10	30	TOOL CLOSET EYEBOLTS ⊗	2			4705-213 ⑦				
	31	Tank Cut Out for Stoker								
	32									
	33									
	34	Tank—Oil								
	35	" Material Bill								
	36	" Brace								
	37	" Lifter Iron								
	38	" Lug								
	39	" "								
	40	" Funnel								
	41	" " Lid								
	42	" " Hinge								
	43	" " " Lug								
	44	" " Screw								
	45	" " Handle								
	46	" " Gasket								
	47	" " Screen								
	48									
	49									
	50	Coal Pusher								
	51	" GATE LATCH	2	882A77		470509				
	52	" " "	2	"		88A123				
	53	" " " STOP	4	"		4705327				
	54	" " " GUIDE	4	"		470510				
	55	" " " BOLT	4	"	BOLTS					
	56									
	57									
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 89—TENDER TRUCK								
	1	Truck	2	893 A 29	5½"×10" Journals		—	—	—	—
	2	" Arch Bar	—							
	3	" Truss Bar	—							
	4	" Tie Bar	8	893 A 29	¾"×6"×21½" (4)	— (4)	—	—	—	—
	5	" Columns	—							
	6	" "	—							
	7	" Bolster	2	893 A 29	Pitts Stl Fdrys. C021258		—	—	—	—
	8	" " Guide								
	9	" " Bar								
	10	" " Cap								
	11	" " Truss Rod								
	12	" " " " Washer	2							
	13	" Center Plate	2	892 A 93 3				89-219		
	14	" King Bolt	2	892 F 3	—	892 F 3 (4)	—	—	—	—
	15	" " " Keys	2	892 A 61	—	892 A 61 (2)	—	—	—	—
	16	" Spring Plank	2	892 A 91	15"–40# Channel Ord.		—	—	—	—
	17	" " Seat—Top	—							
	18	" " " —Bottom	1 Set.	892 A 91	¼" plates	—	—	—	—	—
	19	" " Hanger	—							
	20	" " "	—							
	21	" " " Gib	—							
	22	" Side Bearing	4	893 A 29	Stucki #178 Ord.		—	—	—	—
	23	" " " Block	—							
	24	" Frame	4	893 A 29	Andrews. Pitts Stl Fdry Print 20654		—	—	—	—
	25	" " Brace	—							
	26	" " Crosstie								
	27	" Pedestal								
	28	" "								
	29	" " Cap								
	30	" " " Tie								
	31	" Equalizer								
	32	" "								
	33	" Swing Frame								
	34	" " Link								
	35	" " Pins								
	36	" Check Chain	2	892 L 69	FRONT OF FRONT TRUCK ONLY	892 L 69				
	37	" " " ~~Bolt~~	6	892 K 69	R. OF FRONT TRUCK F. OR. OF BACK TRUCK	892 K 69				
	38	" " " Clevis								
	39	" " " Pocket								
	40									
	41									
	42									
	43									
	44									
	45									
	46									
	47									
	48									
	49									
	50									
	51									
	52									
	53									
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 90—TENDER WATER SCOOP								
	1	Water Scoop								
	2	Scoop Cylinder								
	3	" " Head								
	4	" " "								
	5	" " Gland								
	6	" " Support								
	7	" " "								
	8	" Piston								
	9	" " Follower								
	10	" " Rings								
	11	" " Rod								
	12	" " " Jaws								
	13	" " " Extension Links								
	14	" Inside Pipe								
	15	" Outside Pipe								
	16	" Air Pipe Casing								
	17	" Neck								
	18	" Splash Hood								
	19	" Dipper								
	20	" " Link								
	21	" " Lifter								
	22	" " Nose								
	23	" " Shield								
	24	" " " Brackets								
	25	" Shaft								
	26	" " Fulcrum								
	27	" Bell Crank								
	28	" Arm								
	29	" Spring Cap								
	30	" " Rod								
	31	" " Seat								
	32	" " " Support								
	33	" Jaws								
	34	" Rods								
	35	" Lever								
	36	" Link								
	37	" Bracket								
	38	" Brace								
	39	" Pipe Hanger								
	40	" Joint Piece								
	41	" " " Trunion Cap								
	42	" " " " "								
	43	" " " Lifting Links								
	44	" " " " "								
	45	" Delivery Pipe Hanger								
	46	" " " " Clamp	—							
	47	" " " " Clips	—							
	48	"								
	49	"								
	50	" Operating Valve	—							
	51	" " " Cap	—							
	52	" " " Plug	—							
	53	" " " Nut	—							
	54	" " " Handle	—							
	55	" " " Quadrant	—							
	56	" " " Spring	—							
	57									
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construct'n Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 95—WHEELS AND TIRES								
	1	Truck Wheel 33" 7	8	Davis Cast Steel Ord.	—	—	—	—	—	—
	2	Wheel Pressed on Axle (Tons) 7		65 Tons Min 85 tons Max	—	—	—	—	—	—
	3	Wheel Center	—							
	4	" Tire	—							
	5	Tire Retaining Ring	—							
	6	Wheel Numbers	—							
	7									
	8									
	9									
	10									
	11									
	12									
	13									
	14									
	15									
	16									
	17									
	18									
	19									
	20									
	21									
	22									
	23									
	24									
	25									
	26	**GROUP 99—MISCELLANEOUS**								
	27									
	28									
	29									
	30									
	31									
	32									
	33									
	34									
	35									
	36									
	37									
	38									
	39									
	40									
	41									
	42									
	43									
	44									
	45									
	46									
	47									
	48									
	49									
	50									
	51									
	52									
	53									
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construct'n Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron

32-16

al. Iron

Material Specifications

FREE TITLE